

## [SWE3028\_41] Capstone Design Project

Bi-weekly Meetings

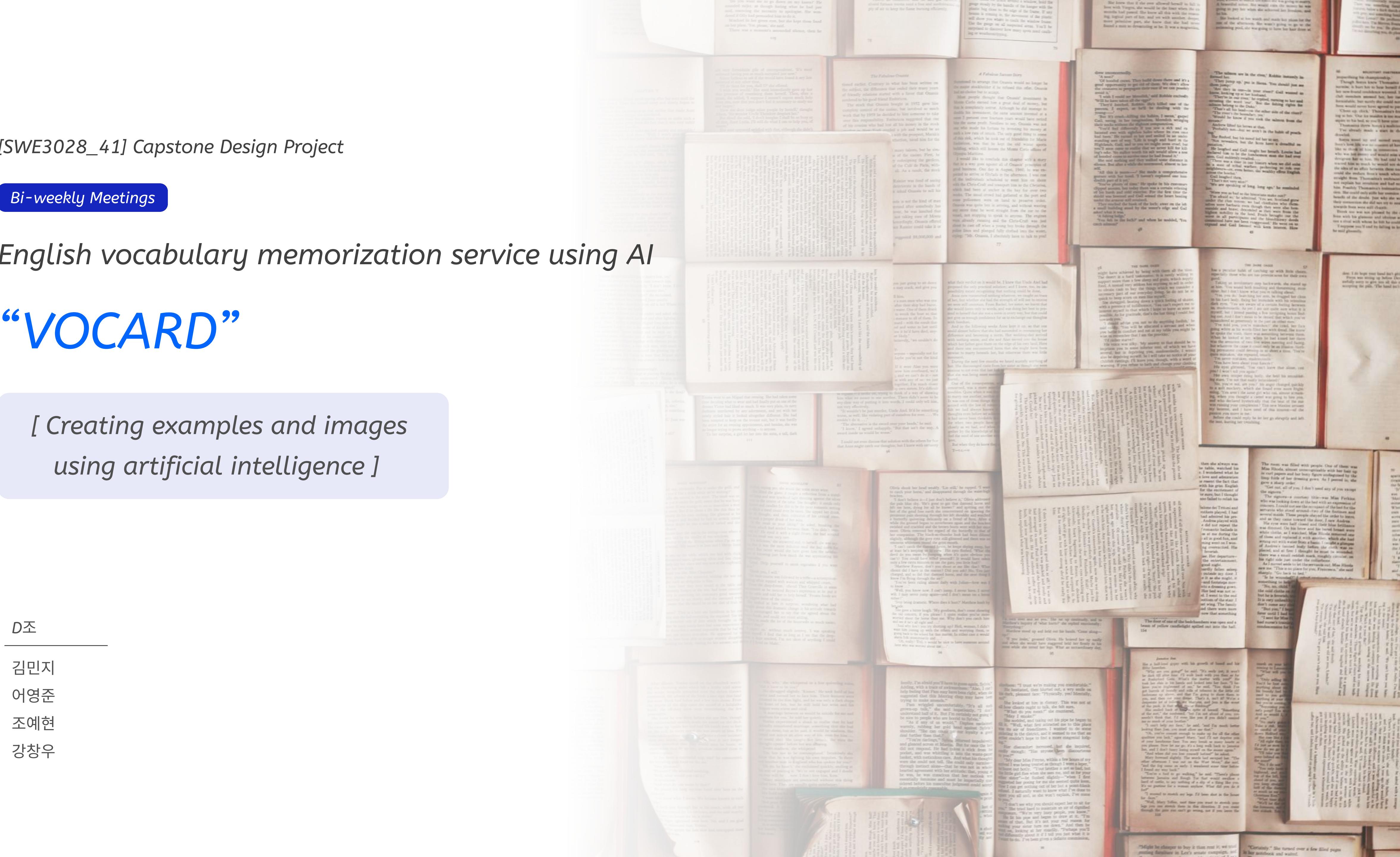
# English vocabulary memorization service using AI

# “VOCARD”

[ Creating examples and images  
using artificial intelligence ]

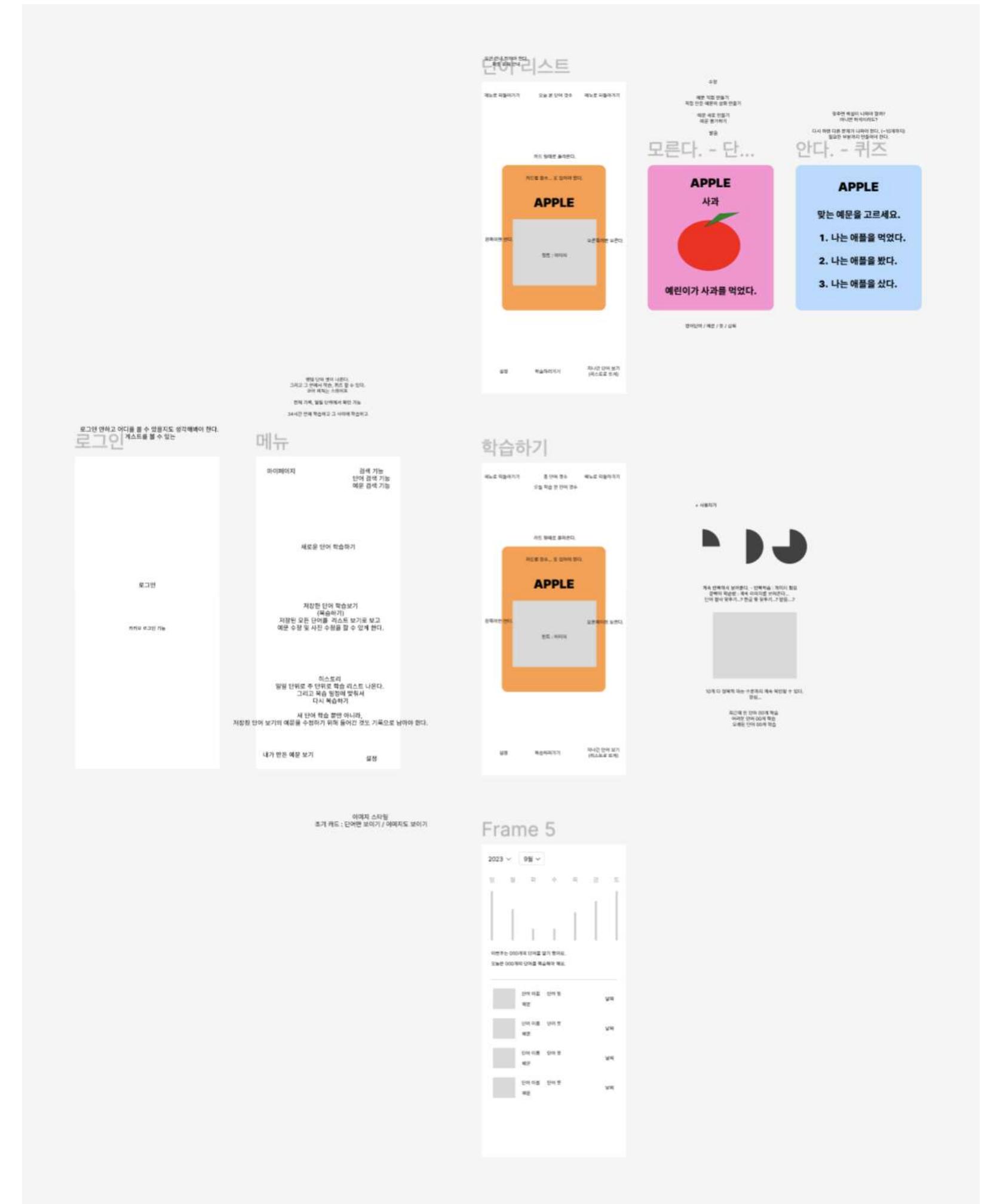
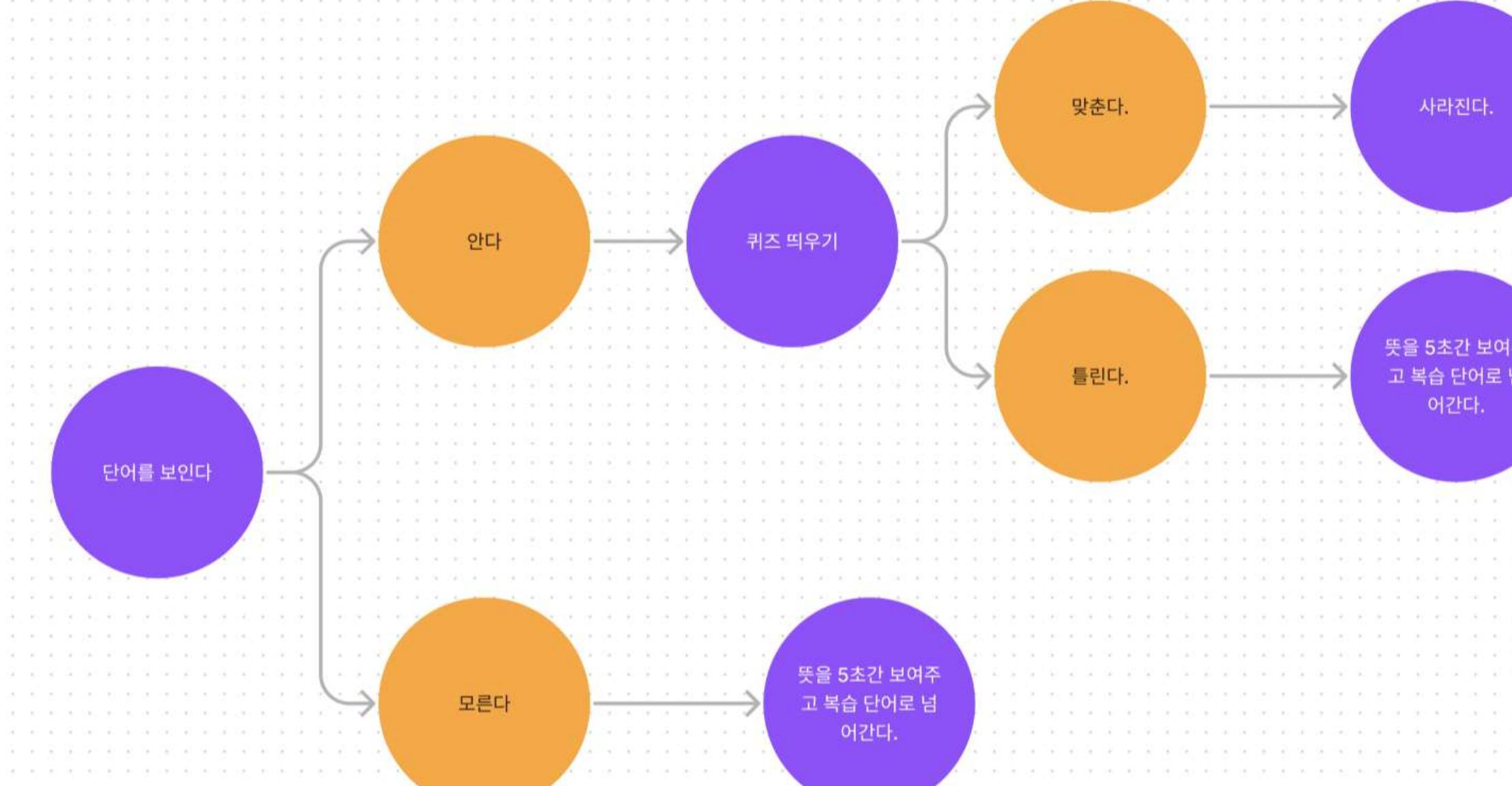
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김민지  
어영준  
조예현  
강창우



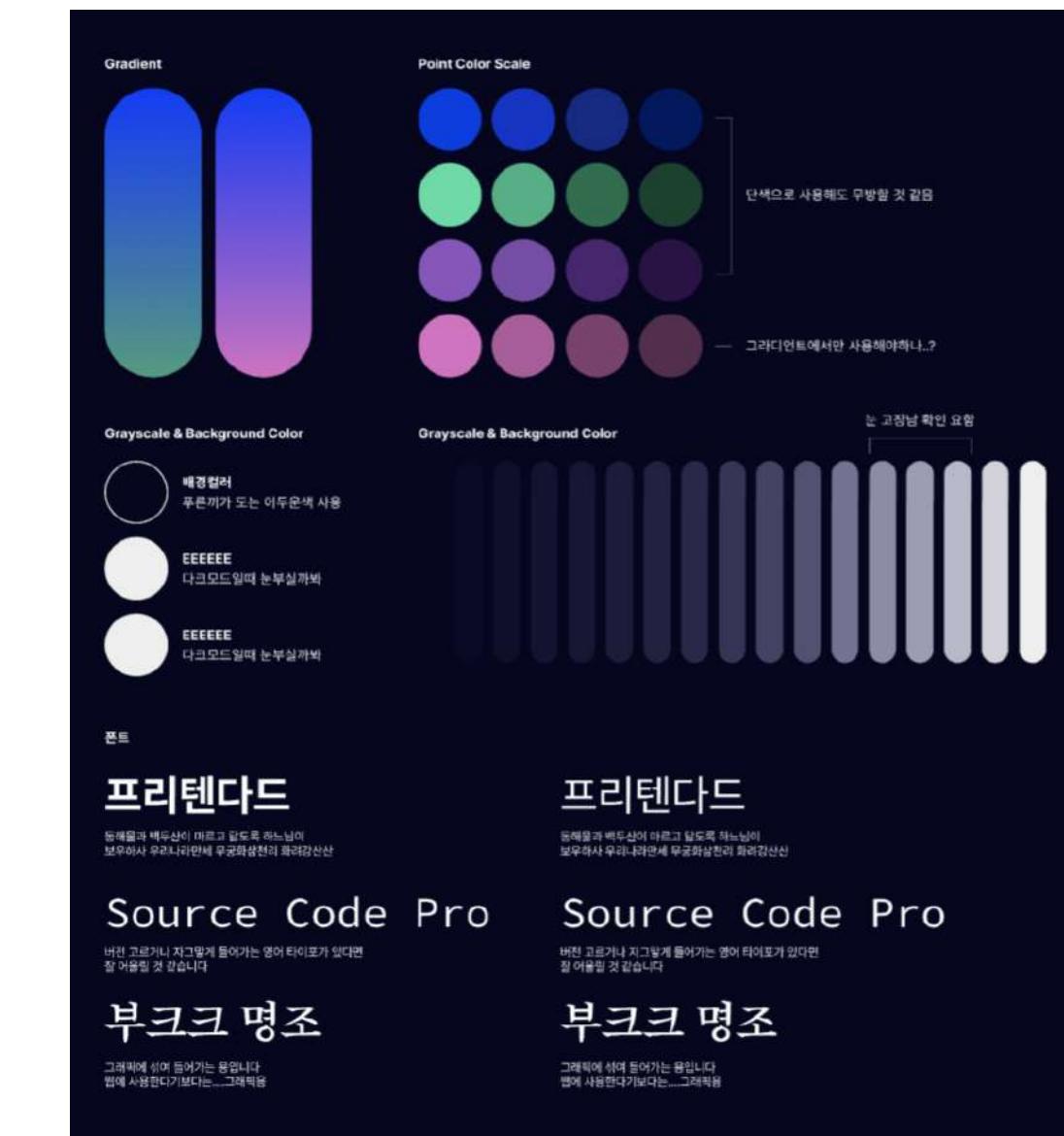
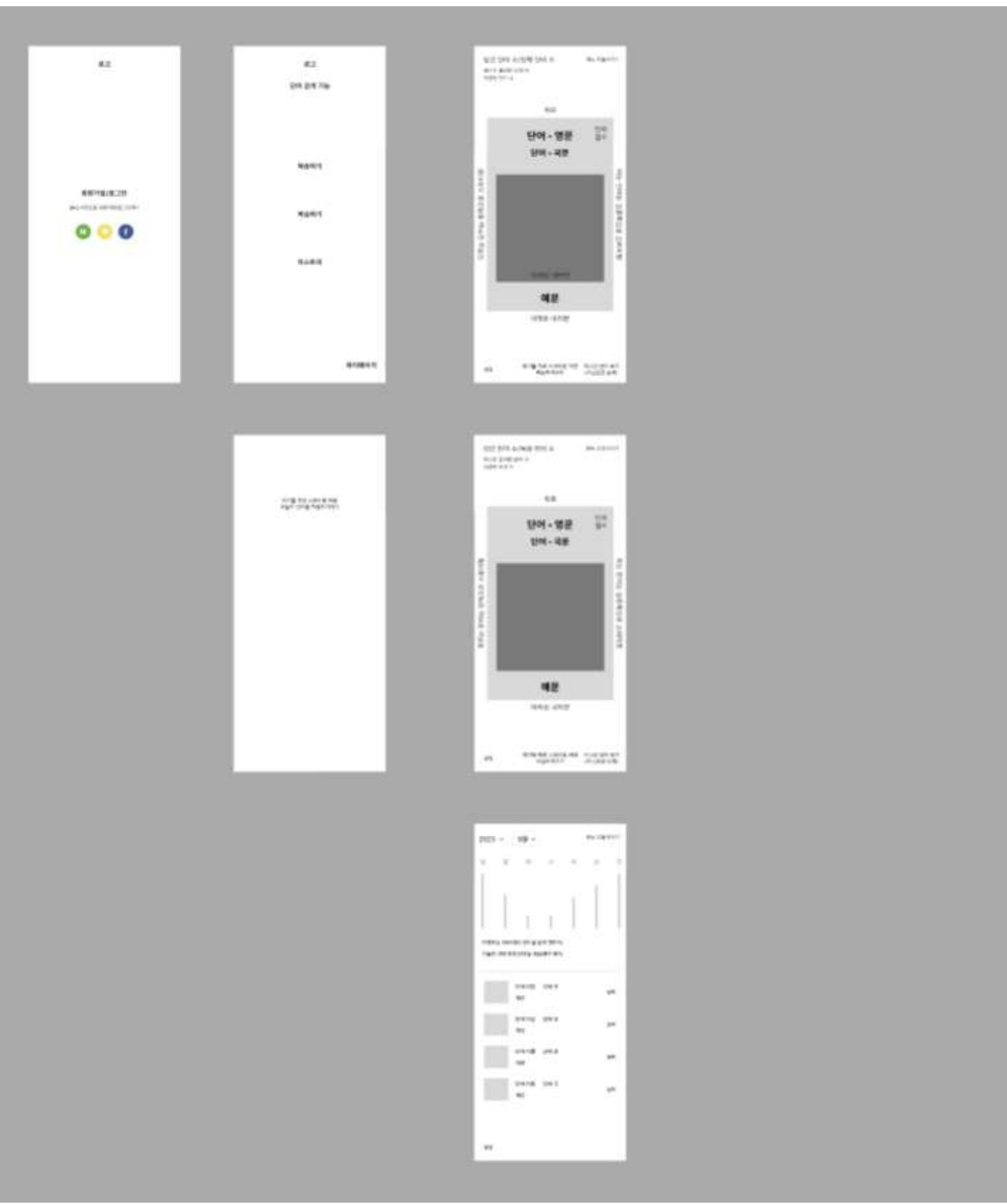
Functional specification 기능 구체화

# Define detailed function



## Wireframe

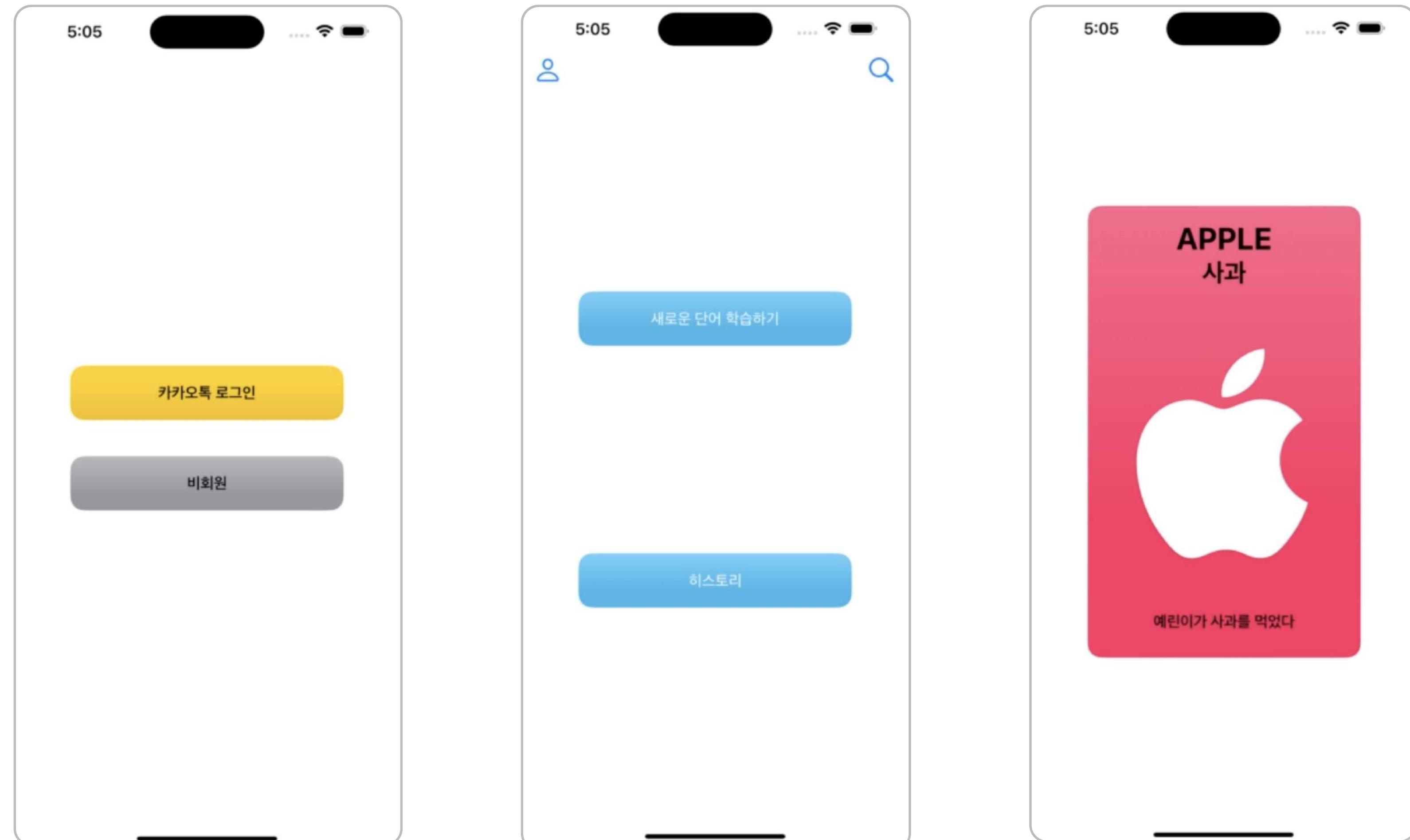
와이어프레임

*Designing Wireframe / Branding*

# Vocard

# Vocard

# Discussing Feature Implementation



**Schedule** 일정

## Schedule

	W5	W6	W7	W8	W9	W10	W11	W12	W13
Design	WireFrame	Design	Design						
Front-end		UI		API			TEST		
Back-end		DB schema	API				TEST		

Table of Weekly Plan

## [SWE3028\_41] Capstone Design Project

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## AI-based Vocabulary Application

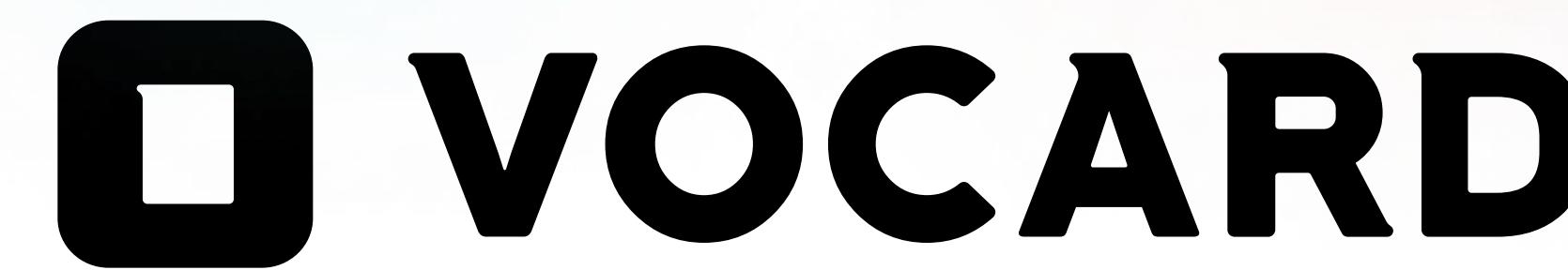
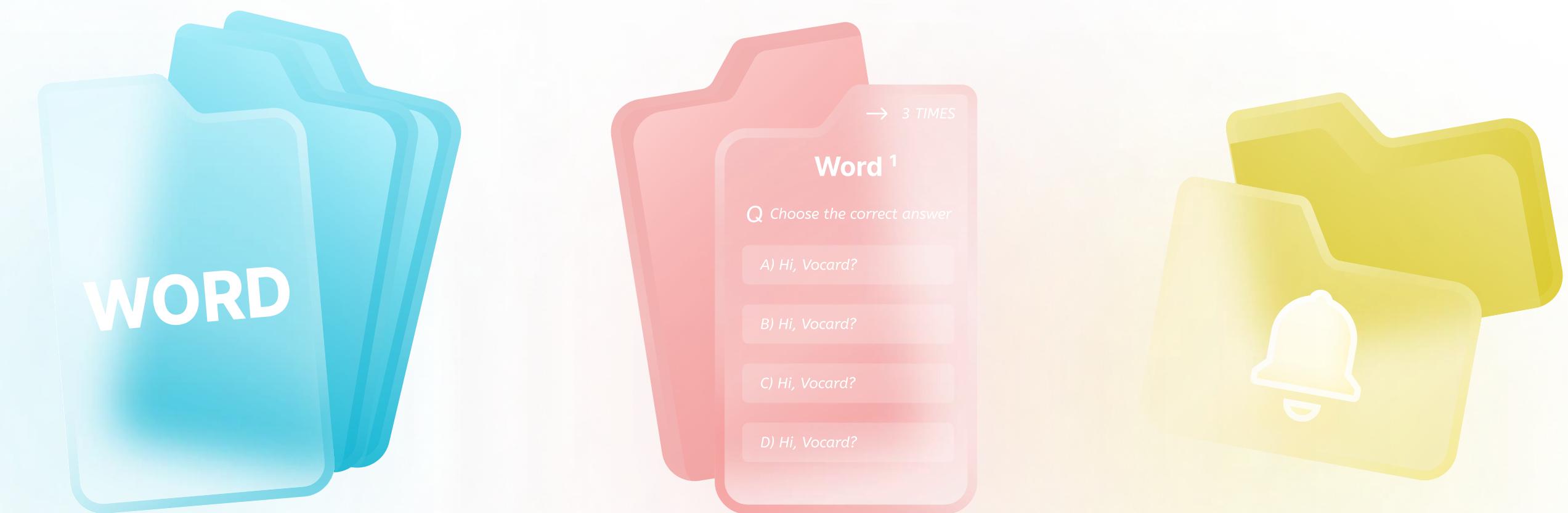
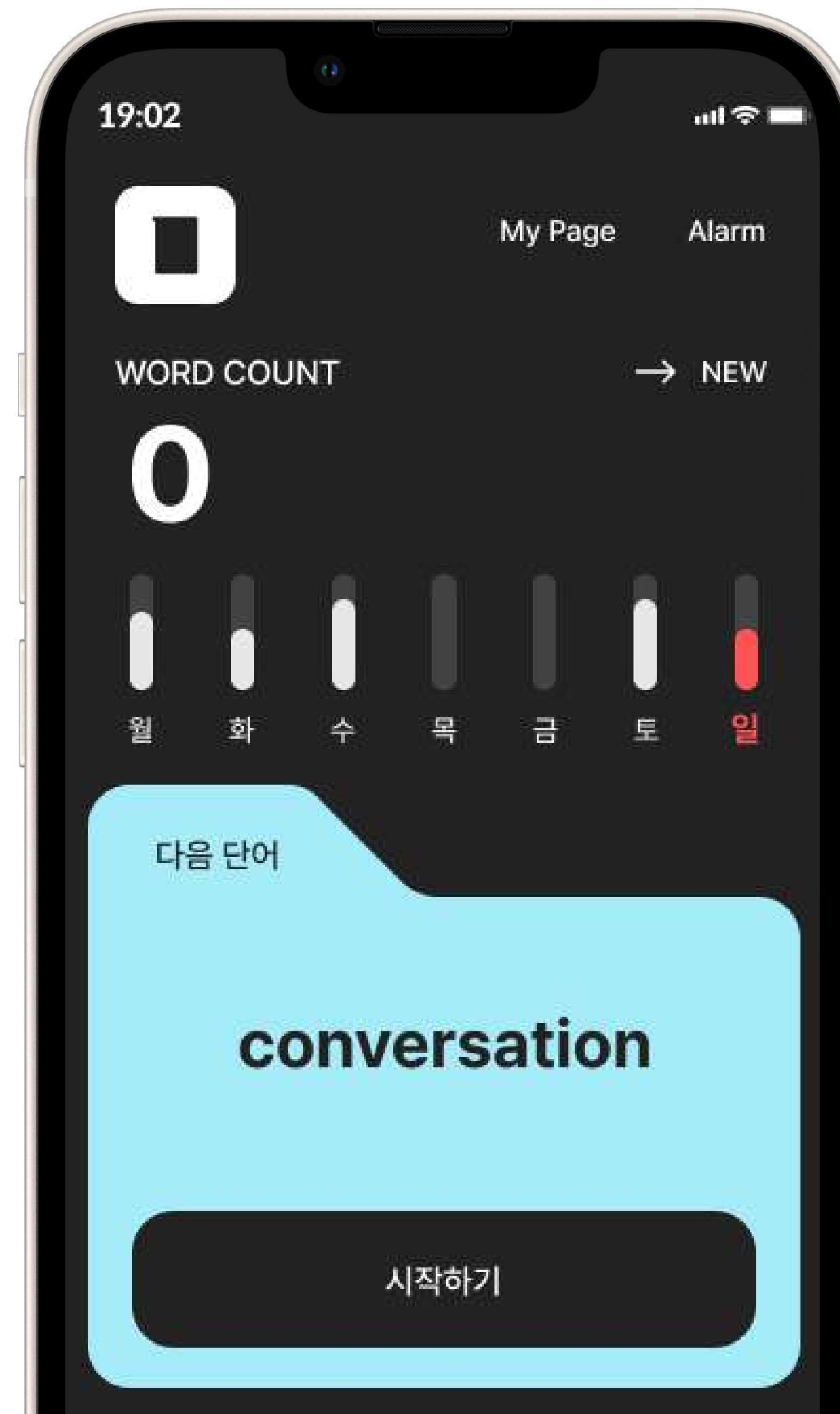
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김민지  
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# VOCARD



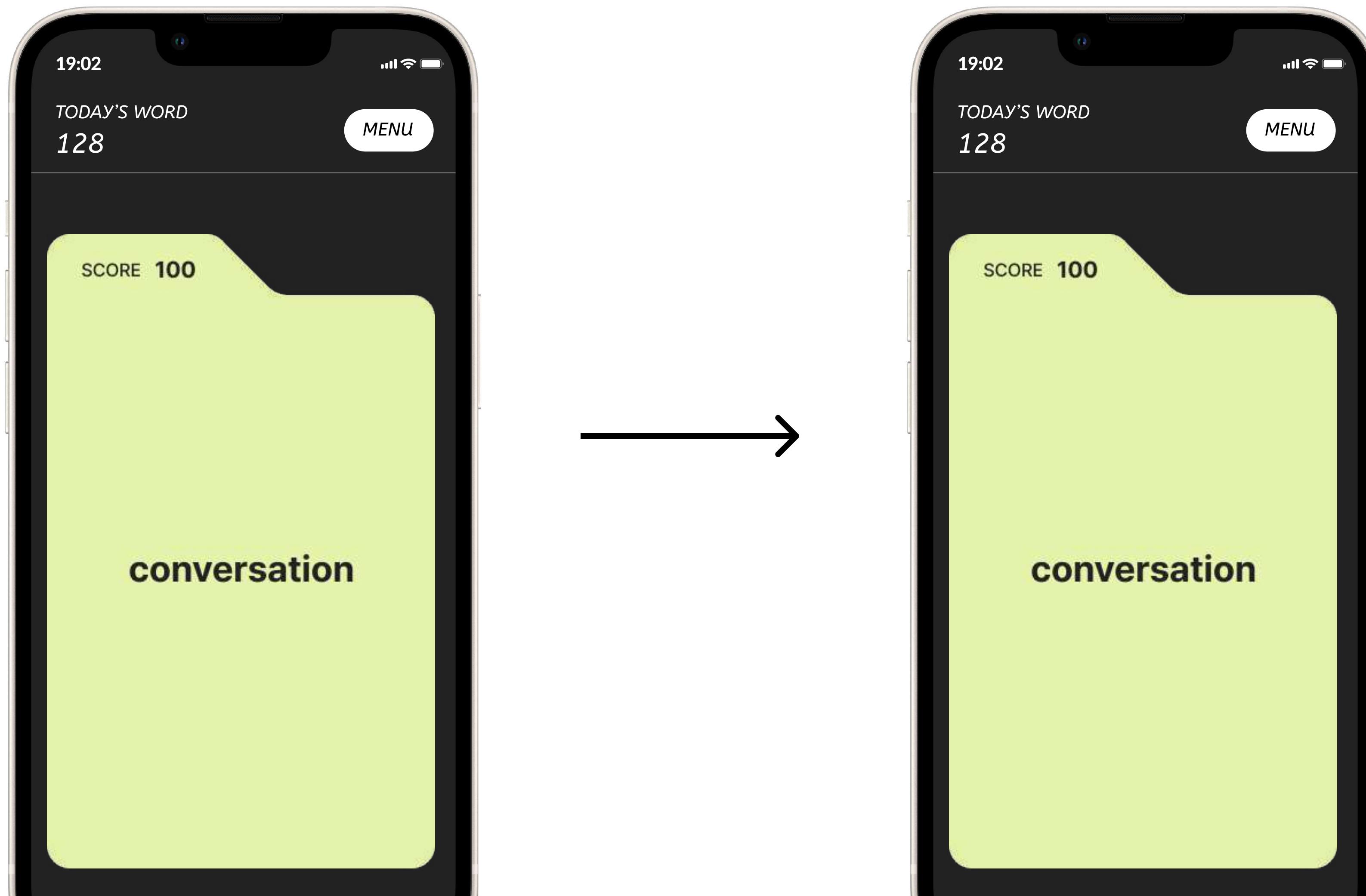
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*Vocabulary Learning Application that helps you learn English words efficiently with the help of powerful AI tools*



## *Card motion modification*



## 프론트엔드 수정사항

1. 카드 모션을 수정했다
2. 더미 데이터를 데이터를 연결시켰다.
3. 기본적인 UI를 완성시켰고 내부적으로는 다 돌아간다.
4. 이제 100개에 데이터에 대해서 동작을 하고 내부적으로도 잘 돌아간다.



## Schedule

1. 앞으로는 알림 페이지
2. 히스토리 페이지를 통해서 최근 복습한 카드를 열람할 수 있도록 할 예정이다.



# 백엔드 수정사항

## 1. 서버 구축

- *EC2 Instance + Nginx + Gunicorn Wrapped with Supervisor*

## 2. api

- *All endpoints created*
- *Currently implementing SwaggerUI for auto-documentation of API endpoints*

## 3. openai api 연동 완료

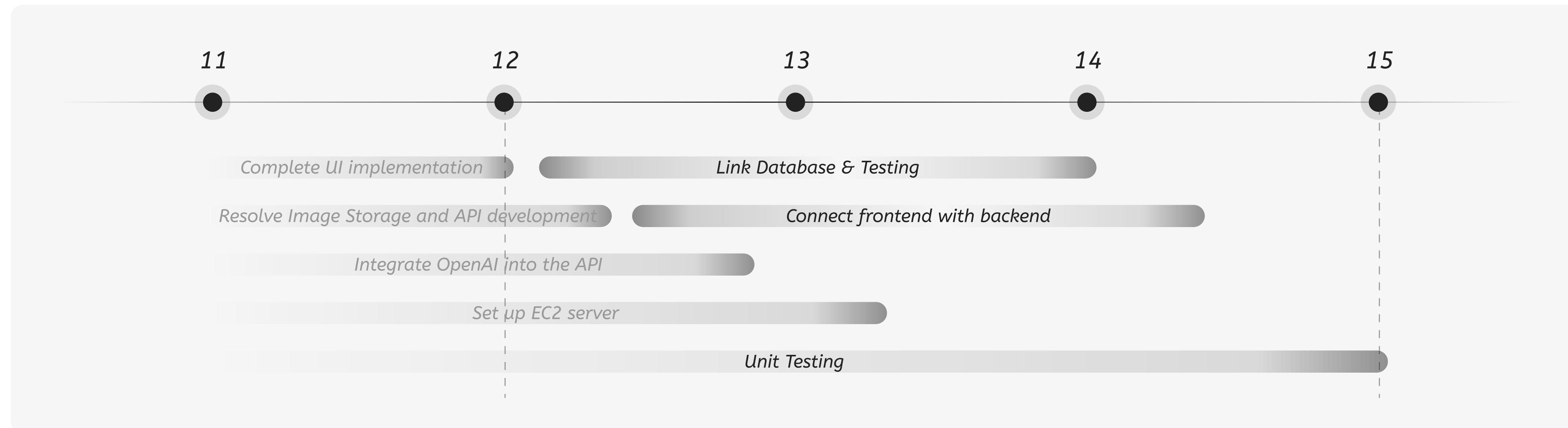
- *Core project functionalities:* *Generate images based on a given user sentence and style*  
*Evaluate a user sentence based on the context of a given word and definition.*

# Schedule

*Scaled back from initial development list of 500→100 for testing purposes*



# Schedule



## Frontend

*Complete UI implementation*

*Link Database & Testing*

## Backend

*API Documentation*

*Integrate OpenAI into the API*

*Set up EC2 server*

*Connect frontend with backend*

*Unit Testing*





# Q&A

*Thank you for listening*



**SCORE 100**

**conversation**

**SCORE 100**

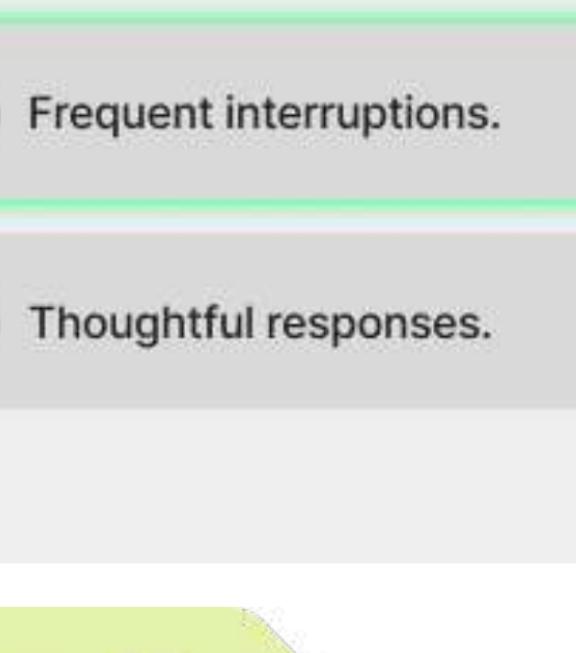
## **conversation**

- 20



### **conversation<sup>1</sup>**

oral exchange of sentiments,  
observations, opinions, or ideas



I like having conversations with my friend.

→ 3 TIMES

**Q** Which of the following is not typically associated with a meaningful conversation?

- A) Respect for differing viewpoints.
- B) Active listening.
- C) Frequent interruptions.
- D) Thoughtful responses.

**SCORE 100**

## **conversation**